

Docket No.: 57454-224

UTILITY PATENT APPLICATION  
UNDER 37 CFR 1.53(b)

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, DC 20231  
Sir:

J1046 U.S. PTO  
09/982936  
10/22/01

Transmitted herewith for filing is the patent application of:

INVENTOR: Hideto HIDAKA  
FOR: THIN FILM MAGNETIC MEMORY DEVICE HAVING A MAGNETIC  
TUNNEL JUNCTION

Enclosed are:

- ☒ 77 pages of specification, claims, abstract.
- ☒ Declaration and Power of Attorney.
- ☒ Priority Claimed.
- ☒ Certified copy of Japanese Patent Application Number 2001-145984
- ☒ 32 sheets of formal drawing.
- ☒ An assignment of the invention to Mitsubishi Denki Kabushiki Kaisha  
and the assignment recordation fee.
- ☐ An associate power of attorney.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☒ Information Disclosure Statement, Form PTO-1449 and references.
- ☒ Return Receipt Postcard

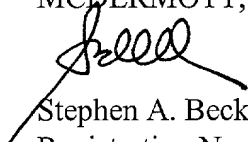
The filing fee has been calculated as shown below:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	AMOUNT
Total Claims	26	-20	6	\$18.00	\$108.00
Independent Claims	6	-3	3	\$84.00	\$252.00
Multiple Dependent Claim(s)					\$0.00
Basic Fee					\$740.00
Total of Above Calculations					\$1,100.00
Less ½ for Small Entity					\$0.00
Assignment & Recording Fee					\$40.00
Total Fee					\$1,140.00

- ☒ Please charge my Deposit Account No. 500417 in the amount of \$1,140.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

  
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